

(FILE 'HOME' ENTERED AT 13:28:26 ON 20 JUL 1999)

FILE 'AGRICOLA, CAPLUS, BIOSIS, EMBASE' ENTERED AT 13:28:39 ON 20 JUL
1999

L1 14 S (ANKYRIN REPEAT) (P) RESISTAN?
L2 7 DUP REM L1 (7 DUPLICATES REMOVED)
L3 5 S RESISTAN? AND PLANT# AND (ANKYRIN REPEAT)
L4 4 DUP REM L3 (1 DUPLICATE REMOVED)
L5 43 S (ANKYRIN REPEAT#) AND PLANT#
L6 33 DUP REM L5 (10 DUPLICATES REMOVED)

=> d 12 ti 1-7

L2 ANSWER 1 OF 7 CAPLUS COPYRIGHT 1999 ACS
TI Sequence and use of RANK1 gene encoding **ankyrin repeat**
-containing peptide from rice associated with disease **resistance**

L2 ANSWER 2 OF 7 CAPLUS COPYRIGHT 1999 ACS
TI Acquired resistance NPR1 genes from Arabidopsis thaliana and Nicotiana
glutinosa and their use for genetic engineering

L2 ANSWER 3 OF 7 CAPLUS COPYRIGHT 1999 ACS DUPLICATE 1
TI Cdkn2a, the gene encoding cyclin-dependent kinase inhibitor p16INK4a and
p19ARF, is a candidate for the plasmacytoma susceptibility locus, Pctl

L2 ANSWER 4 OF 7 CAPLUS COPYRIGHT 1999 ACS DUPLICATE 2
TI Arabidopsis: a weed leading the field of plant-pathogen interactions

L2 ANSWER 5 OF 7 BIOSIS COPYRIGHT 1999 BIOSIS
TI Signalling pathways: A common theme in plants and animals.

L2 ANSWER 6 OF 7 CAPLUS COPYRIGHT 1999 ACS DUPLICATE 3
TI Domain organization of I.kappa.B.alpha. and sites of interaction with
NF-.kappa.B p65

L2 ANSWER 7 OF 7 CAPLUS COPYRIGHT 1999 ACS DUPLICATE 4
TI Gene organization in the bleomycin-resistance region of the producer
organism Streptomyces verticillus

=> d 14 ti 1-4

L4 ANSWER 1 OF 4 CAPLUS COPYRIGHT 1999 ACS
TI Sequence and use of RANK1 gene encoding **ankyrin repeat**
-containing peptide from rice associated with disease **resistance**

L4 ANSWER 2 OF 4 CAPLUS COPYRIGHT 1999 ACS
TI Acquired **resistance** NPR1 genes from Arabidopsis thaliana and
Nicotiana glutinosa and their use for genetic engineering

L4 ANSWER 3 OF 4 CAPLUS COPYRIGHT 1999 ACS DUPLICATE 1
TI Arabidopsis: a weed leading the field of **plant-pathogen**
interactions

L4 ANSWER 4 OF 4 BIOSIS COPYRIGHT 1999 BIOSIS
TI Signalling pathways: A common theme in **plants** and animals.

=> d 16 ti 1-33

- L6 ANSWER 1 OF 33 CAPLUS COPYRIGHT 1999 ACS
TI Sequence and use of RANK1 gene encoding **ankyrin repeat**
-containing peptide from rice associated with disease resistance
- L6 ANSWER 2 OF 33 BIOSIS COPYRIGHT 1999 BIOSIS
TI Characterization of Chlamydomonas reinhardtii zygote-specific cDNAs that encode novel proteins containing **ankyrin repeats** and WW domains.
- L6 ANSWER 3 OF 33 CAPLUS COPYRIGHT 1999 ACS DUPLICATE 1
TI The EMB 506 gene encodes a novel **ankyrin repeat** containing protein that is essential for the normal development of Arabidopsis embryos
- L6 ANSWER 4 OF 33 BIOSIS COPYRIGHT 1999 BIOSIS
TI X-ray structural analysis of the yeast cell cycle regulator Swi6 reveals variation of the ankyrin fold and has implications for Swi6 function.
- L6 ANSWER 5 OF 33 CAPLUS COPYRIGHT 1999 ACS DUPLICATE 2
TI A chromodomain protein encoded by the Arabidopsis CAO gene is a **plant**-specific component of the chloroplast signal recognition particle pathway that is involved in LHCP targeting
- L6 ANSWER 6 OF 33 CAPLUS COPYRIGHT 1999 ACS
TI Synergistic use of microbicides and strongly expressed systemic acquired resistance genes in increasing **plant** resistance to pathogens
- L6 ANSWER 7 OF 33 CAPLUS COPYRIGHT 1999 ACS
TI Acquired resistance NPRL genes from Arabidopsis thaliana and Nicotiana glutinosa and their use for genetic engineering
- L6 ANSWER 8 OF 33 BIOSIS COPYRIGHT 1999 BIOSIS
TI Mutation and modeling analysis of the Saccharomyces cerevisiae Swi6 **ankyrin repeats**.
- L6 ANSWER 9 OF 33 BIOSIS COPYRIGHT 1999 BIOSIS
TI Structural and functional architecture of the yeast cell-cycle transcription factor Swi6.
- L6 ANSWER 10 OF 33 CAPLUS COPYRIGHT 1999 ACS DUPLICATE 3
TI Regulation of cyclic peptide biosynthesis and pathogenicity in Cochliobolus carbonum by TOXE_p, a novel protein with a bZIP basic DNA-binding motif and four **ankyrin repeats**
- L6 ANSWER 11 OF 33 CAPLUS COPYRIGHT 1999 ACS DUPLICATE 4
TI Arabidopsis: a weed leading the field of **plant**-pathogen interactions
- L6 ANSWER 12 OF 33 BIOSIS COPYRIGHT 1999 BIOSIS
TI cDNA cloning and functional analysis of p28 (Nas6p) and p40.5 (Nas7p), two novel regulatory subunits of the 26S proteasome.
- L6 ANSWER 13 OF 33 BIOSIS COPYRIGHT 1999 BIOSIS
TI An essential function of a phosphoinositide-specific phospholipase C is relieved by inhibition of a cyclin-dependent protein kinase in the yeast Saccharomyces cerevisiae.
- L6 ANSWER 14 OF 33 BIOSIS COPYRIGHT 1999 BIOSIS
TI The **ankyrin repeat**-containing protein Akrlp is required for the endocytosis of yeast pheromone receptors.

- L6 ANSWER 15 OF 33 BIOSIS COPYRIGHT 1999 BIOSIS
TI Functional characterization of the fission yeast start-specific transcription factor Res2.
- L6 ANSWER 16 OF 33 BIOSIS COPYRIGHT 1999 BIOSIS
TI Signalling pathways: A common theme in **plants** and animals.
- L6 ANSWER 17 OF 33 CAPLUS COPYRIGHT 1999 ACS DUPLICATE 5
TI The *Arabidopsis* NPR1 gene that controls systemic acquired resistance encodes a novel protein containing **ankyrin repeats**
- L6 ANSWER 18 OF 33 BIOSIS COPYRIGHT 1999 BIOSIS
TI The *Saccharomyces cerevisiae* start-specific transcription factor Swi4 interacts through the **ankyrin repeats** with the mitotic Cln2/Cdc28 kinase and through its conserved carboxy terminus with Swi6.
- L6 ANSWER 19 OF 33 BIOSIS COPYRIGHT 1999 BIOSIS
TI AKR1 encodes a candidate effector of the G-beta-gamma complex in the *Saccharomyces cerevisiae* pheromone response pathway and contributes to control of both cell shape and signal transduction.
- L6 ANSWER 20 OF 33 BIOSIS COPYRIGHT 1999 BIOSIS
TI Domains determining the functional distinction of the fission yeast cell cycle "start" molecules Res1 and Res2.
- L6 ANSWER 21 OF 33 BIOSIS COPYRIGHT 1999 BIOSIS
TI NUC-2, a component of the phosphate-regulated signal transduction pathway in *Neurospora crassa*, is an **ankyrin repeat** protein.
- L6 ANSWER 22 OF 33 BIOSIS COPYRIGHT 1999 BIOSIS
TI Interactions between the **ankyrin repeat**-containing protein Akr1p and the pheromone response pathway in *Saccharomyces cerevisiae*.
- L6 ANSWER 23 OF 33 BIOSIS COPYRIGHT 1999 BIOSIS
TI A new *Saccharomyces cerevisiae* **ankyrin repeat**-encoding gene required for a normal rate of cell proliferation.
- L6 ANSWER 24 OF 33 CAPLUS COPYRIGHT 1999 ACS DUPLICATE 6
TI Isolation of an ion channel gene from *Arabidopsis thaliana* using the H5 signature sequence from voltage-dependent K⁺ channels
- L6 ANSWER 25 OF 33 BIOSIS COPYRIGHT 1999 BIOSIS
TI An **ankyrin repeat**-containing gene is expressed in buffelgrass.
- L6 ANSWER 26 OF 33 BIOSIS COPYRIGHT 1999 BIOSIS
TI Identification of a novel serine/threonine kinase and a novel 15-kD protein as potential mediators of the gamma interferon-induced cell death.
- L6 ANSWER 27 OF 33 BIOSIS COPYRIGHT 1999 BIOSIS
TI Pct1+, which encodes a new DNA-binding partner of p85-cdc10, is required for meiosis in the fission yeast *Schizosaccharomyces pombe*.
- L6 ANSWER 28 OF 33 BIOSIS COPYRIGHT 1999 BIOSIS
TI SWH1 from yeast encodes a candidate nuclear factor containing **ankyrin repeats** and showing homology to mammalian oxysterol-binding protein.
- L6 ANSWER 29 OF 33 BIOSIS COPYRIGHT 1999 BIOSIS
TI Phosphate-regulated inactivation of the kinase PHO80-PHO85 by the CDK inhibitor PHO81.
- L6 ANSWER 30 OF 33 BIOSIS COPYRIGHT 1999 BIOSIS

TI Isolation of a novel **ankyrin-repeat** containing gene from *S. cerevisiae*.

L6 ANSWER 31 OF 33 BIOSIS COPYRIGHT 1999 BIOSIS

TI Promoter analysis of the PHO81 gene encoding a 134 kDa protein bearing **ankyrin repeats** in the phosphatase regulon of *Saccharomyces cerevisiae*.

L6 ANSWER 32 OF 33 AGRICOLA

TI Expression of antisense or sense RNA of an **ankyrin repeat**-containing gene blocks chloroplast differentiation in *Arabidopsis*.

L6 ANSWER 33 OF 33 CAPLUS COPYRIGHT 1999 ACS DUPLICATE 7

TI Expression of antisense or sense RNA of an **ankyrin repeat**-containing gene blocks chloroplast differentiation in *Arabidopsis*

=> s (ankyrin repeat) (p) resistant?

64 ANKYRIN
66678 REPEAT
18 ANKYRIN REPEAT
 (ANKYRIN(W) REPEAT)
642291 RESISTAN?
 0 (ANKYRIN REPEAT) (P) RESISTAN?

=> s ankyrin repeat

64 ANKYRIN
66678 REPEAT
L2 18 ANKYRIN REPEAT
 (ANKYRIN (W) REPEAT)

=> d ti 1-18

US PAT NO: 5,891,628 [IMAGE AVAILABLE] L2: 1 of 18
TITLE: Identification of polycystic kidney disease gene,
diagnostics and treatment

US PAT NO: 5,877,019 [IMAGE AVAILABLE] L2: 2 of 18
TITLE: Animal 2-5A-dependent RNases and encoding sequences
therefor

US PAT NO: 5,866,787 [IMAGE AVAILABLE] L2: 3 of 18
TITLE: Transgenic plants co-expressing a functional human 2-5A system

US PAT NO: 5,866,781 [IMAGE AVAILABLE] L2: 4 of 18
TITLE: Antiviral transgenic plants, vectors, cells and methods

US PAT NO: 5,866,686 [IMAGE AVAILABLE] L2: 5 of 18
TITLE: Nuclear thyroid hormone receptor-interacting polypeptides
and related molecules and methods

US PAT NO: 5,861,300 [IMAGE AVAILABLE] L2: 6 of 18
TITLE: Antiviral transgenic plants, vectors, cells and methods

US PAT NO: 5,859,346 [IMAGE AVAILABLE] L2: 7 of 18
TITLE: Crucifer AFT proteins and uses thereof

US PAT NO: 5,849,580 [IMAGE AVAILABLE] L2: 8 of 18
TITLE: Nucleic acid encoding a NF-.kappa.B activation regulatory protein, I.kappa.B.beta.

US PAT NO: 5,846,714 [IMAGE AVAILABLE] L2: 9 of 18
TITLE: Method of identifying a chemical that alters dissociation
of an NF-KB/IKB complex

US PAT NO: 5,846,711 [IMAGE AVAILABLE] L2: 10 of 18
TITLE: Nuclear hormone receptor-interacting polypeptides and
related molecules and methods

US PAT NO: 5,840,577 [IMAGE AVAILABLE] L2: 11 of 18
TITLE: Animal 2-5A-dependent RNases and encoding sequences
therefor

US PAT NO: 5,830,756 [IMAGE AVAILABLE] L2: 12 of 18
TITLE: DNA and expression vector encoding I.kappa.B Protein

US PAT NO: 5,786,158 [IMAGE AVAILABLE] L2: 13 of 18
TITLE: Therapeutic and diagnostic methods and compositions based
on notch proteins and nucleic acids

US PAT NO: 5,780,300 [IMAGE AVAILABLE] L2: 14 of 18
TITLE: Manipulation of non-terminally differentiated cells using
the notch pathway

US PAT NO: 5,708,158 [IMAGE AVAILABLE] L2: 15 of 18
TITLE: Nuclear factors and binding assays

US PAT NO: 5,623,054 [IMAGE AVAILABLE] L2: 16 of 18
TITLE: Crucifer AFT proteins and uses thereof

US PAT NO: 5,612,455 [IMAGE AVAILABLE] L2: 17 of 18
TITLE: Nuclear factors and binding assay

US PAT NO: 5,597,898 [IMAGE AVAILABLE] L2: 18 of 18
TITLE: NF-.kappa.B activation regulatory protein,
I.kappa.B-.beta.